Tronovo | IONIZING FAN TYPE

DF462

Smart HF Ionizing Air Blower



TECHNOLOGY	BALANCE	DECAY
High-freq AC	±10V	⩽1.5S

The 70,000Hz high-frequency ionization technology uses a high-volume fan to provide a stable ion balance and high-speed static elimination efficiency, with a scheduled cleaning function, automatic cleaning of the ion needle to reduce daily maintenance work, the ionizing fan has six self-alarm monitoring functions, and each air outlet is equipped with a status indicator to display the operating status and ion abnormalities in real time.

Featured Functions

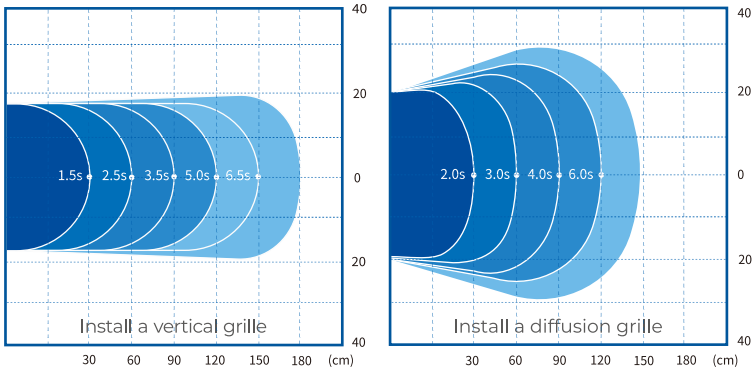
- **High-frequency ionization technology**
  Extremely stable ionic balance
- **Digital display**
  Convenient interactive experience
- **Automatic cleaning of ion needles**
  The time can be set according to the environmental conditions
- **Wide range of static removal**
  Tinned copper wire is not easy to oxidize
- **Up to 6 alarm functions**
  You can prevent the setting parameters from being changed
- **Key lock function**
  It is possible to prevent arbitrary changes to the setting parameters
- **Audible alarm**
  With two LED front panel displays

Feature comparison table

Model		DF462
High Speed Fan (RPM)		180
12-speed wind speed		●
LED status indicator for air outlets		●
Key lock, audible alarm function		●
Ion needle dirt detection function		●
Alarm	Emitters Dirt Check	●
	Fan abnormality alarm	●
	Temperature alarm	●
	Automatic cleaning alarms	●
	louver open alarm	●
	High-voltage alarm	●
WIFI / Ethernet interface		OPT

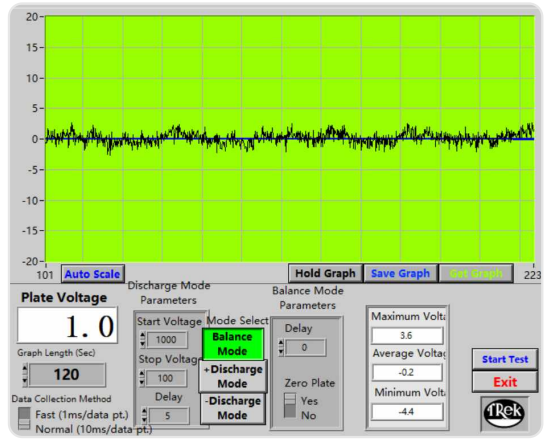
Typical dissipation time

According to the standard of the American ESD Association: ANSI/ESDS20.20-2021 standard, each point is expressed in Static dissipation time from 1000V to 100V at maximum wind speed.



Extremely stable ion balance

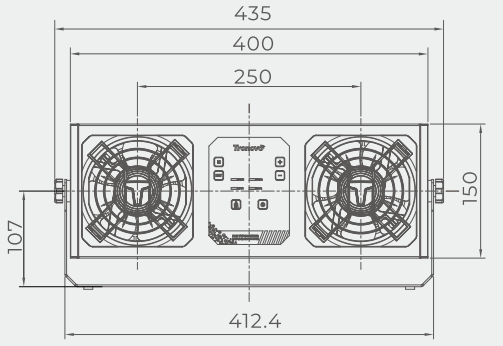
The product meets the requirements of ANSI/ESD S20.20 and IEC 61340-5-1 certification for ionizer products, and the residual voltage limit is less than ±35V. The ion equilibrium voltage fluctuation measured by the CPM monitor is less than ±5V.



Specifications

Model	DF462
Voltage	100~240VAC ±5% 50/60Hz
Product power	35W
Discharge	⩽1.5 S @ 30cm (Max Airflow)
Balance	⩽|±10V| (AVE)
Technology	High-frequency AC , about ±2KV, 70KHz
Airflow	Max 5.2m/s、17~180CFM
Airflow area	40×150cm (Vertical Type), 60×120cm
Audible Noise	50~75dBA @ 100cm
0zone	⩽0.04ppm @ 15cm
Alarm	Fan Alarm (FAN) High Voltage Alarm (H.V) Working status (independent display)
WIFI interface	Yes (OPT)
Grounding	C (capacitor) ground
Material	Tungsten, shell: metal, grille: ABS
Temperature	0~+45°C (note no condensation), 35~75%RH
Dimensions	435×182×96.3cm, Approx 3.24Kg
Warranty	One-year

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